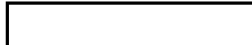


SECRET

MONTHLY REPORT



25X1

PAR 212

3 April 64

SUBJECT: Color Acquisition System Review Study

TASK/PROBLEM

1. Investigate color photography as a possible anticipated intelligence color item. Investigation should cover the capability of present and possible future acquisition systems in an attempt to predict future requirements to support exploitation and data reduction of the collected color photographic intelligence material.

DISCUSSION

2. The resolution and sensitometric data of five aerial color films were reviewed using available materials and processes (no chemical manipulations included). Collection system capabilities appear to indicate that reversal type materials would be more useful than the negative-positive type materials at present. The most promising films might be:

- a. Kodak Ektachrome Aero, Type 8442
- b. Kodak Ektachrome High Definition Aero, SO-121
- c. Kodachrome II for Daylight, Type 5029

PLANNED ACTIVITIES

3. Laboratory studies of materials cited in paragraph 2 above will continue during the next period.

GROUP-1

Excluded from automatic downgrading
and declassification

SECRET

Declass Review by NGA.